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Automotive Pressure Plates Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Vehicle Type (Passenger Car, Commercial Vehicle), By Product Type (Coil Spring, Diaphragm), By Clutch Type (Single Plate Friction, Multiple Frictions, Cone Clutch), By Region & Competition, 2021-2031F

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Abstracts

The Global Automotive Pressure Plates Market is projected to expand from USD 31.61 Billion in 2025 to USD 48.46 Billion by 2031, reflecting a CAGR of 7.38%. Serving as a vital element within the clutch assembly, the pressure plate exerts force on the clutch disc against the flywheel to facilitate torque transfer from the engine to the transmission. Growth is underpinned by the ongoing manufacturing of internal combustion engine vehicles and the consistent need for replacements due to component wear, specifically within the commercial segment where manual and automated manual transmissions are prevalent. As noted by the European Automobile Manufacturers' Association, diesel trucks comprised 95.1% of new EU registrations in 2024, highlighting the enduring dependency on conventional clutch-based systems in heavy-duty transport.

Conversely, the rapid shift toward vehicle electrification poses a notable obstacle to market progression. Since battery electric vehicles generally employ direct-drive systems or single-speed reducers instead of standard multi-speed transmissions, they negate the necessity for pressure plates. This technical evolution diminishes original equipment requirements and compels suppliers to depend largely on the existing internal combustion engine fleet, a factor that may restrict long-term expansion as electric powertrains gain broader global acceptance.

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Market Driver

A major impetus for the automotive pressure plates market is the increase in global vehicle manufacturing, which demands substantial procurement of drivetrain parts for new assembly operations. As producers accelerate output to achieve post-pandemic recovery goals and address rising mobility demands, the incorporation of clutch systems in internal combustion engine vehicles continues to generate significant revenue, especially in markets where conventional powertrains dominate. Data from the China Association of Automobile Manufacturers in August 2024 indicates that automobile production in China hit roughly 16.18 million units in the first seven months of the year, ensuring a steady baseline demand for pressure plates despite the fluctuations caused by electrification.

Concurrently, the market benefits significantly from the growth of the automotive aftermarket, spurred by the increasing average age of the global fleet which requires regular replacement of friction components. As vehicles are kept in operation longer due to better durability and economic considerations, the maintenance window for clutch systems lengthens, fostering demand for replacement plates in the repair sector. For instance, the European Automobile Manufacturers' Association reported in September 2024 that the average passenger car age in the EU is now 12.3 years, indicating a prime period for transmission maintenance. This trend is reinforced by activity in emerging markets, with the Society of Indian Automobile Manufacturers reporting over 2.08 million passenger vehicle sales between April and September 2024.

Market Challenge

The swiftly advancing move toward electrification constitutes a core structural barrier impeding the development of the Global Automotive Pressure Plates Market. Battery electric vehicles (BEVs) typically feature electric motors coupled with direct-drive systems or single-speed reducers, effectively removing the need for the mechanical clutch assemblies and pressure plates integral to internal combustion powertrains. As automakers redirect investment and manufacturing resources toward electric platforms, the demand for pressure plates as original equipment is experiencing a measurable and permanent reduction, limiting the future installed base that traditionally sustains the aftermarket.

This shift away from clutch-based architectures is happening extensively across key global markets, resulting in a contracting total addressable market for drivetrain suppliers. The pace of this transition is highlighted by trends in the largest automotive

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market; the China Association of Automobile Manufacturers reported that New Energy Vehicle sales hit 12.87 million units in 2024, representing 40.9% of total regional sales. Such a significant market share for electrified vehicles signals a rapid decline in traditional powertrain dominance, forcing manufacturers to face stagnating volume growth despite the ongoing presence of legacy internal combustion fleets.

Market Trends

The increasing adoption of Dual-Clutch Transmissions (DCT) in passenger cars is fueling the need for specialized dual-clutch modules that employ multiple pressure plates to facilitate rapid, seamless gear changes without torque disruption. This development is closely linked to hybrid powertrain optimization, where manufacturers are utilizing electrified dual-clutch systems to handle torque transitions between engines and electric motors. A key example of this industrial shift is Stellantis N.V., which announced in April 2024 the commencement of electrified dual-clutch transmission (eDCT) manufacturing at its Mirafiori plant, aiming for an annual capacity of 600,000 units to support its hybrid lineup.

Motivated by sustainability objectives and cost-effectiveness, there is a growing movement toward the organized remanufacturing of clutch assemblies, providing certified, high-grade refurbished pressure plates as a greener substitute for new components. This circular economy model is gaining traction in the independent aftermarket as vehicle owners seek value-driven maintenance options for older cars. Major suppliers are widening their repair offerings to seize this opportunity; for example, Schaeffler AG reported in November 2024 that revenue in its Vehicle Lifetime Solutions division, covering aftermarket and sustainable repair, rose by 16.1% at constant currency over the first nine months of the year.

Key Market Players

ZF Friedrichshafen AG

Aisin Seiki Co., Ltd.

RAICAM Industrie S.r.l.

Marelli Holdings Co., Ltd.

Schaeffler AG

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BorgWarner Inc.

E. SASSONE Srl

Aptiv PLC

Valeo SE

FCL Components Limited

Report Scope

In this report, the Global Automotive Pressure Plates Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Automotive Pressure Plates Market, By Vehicle Type

Passenger Car

Commercial Vehicle

Automotive Pressure Plates Market, By Product Type

Coil Spring

Diaphragm

Automotive Pressure Plates Market, By Clutch Type

Single Plate Friction

Multiple Frictions

Cone Clutch

Automotive Pressure Plates Market, By Region

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North America

- United States
- Canada
- Mexico

Europe

- France
- United Kingdom
- Italy
- Germany
- Spain

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea

South America

- Brazil
- Argentina

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Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Automotive Pressure Plates Market.

Available Customizations:

Global Automotive Pressure Plates Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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